

## Claims

1. Node supporting links having the ability to transfer  
5 longer messages than according to current MTP level 2, so-called enhanced links, to be identified by two signalling point codes one being used to identify/address functions/MTP users which can make full use of the longer message length, but both point codes being part of the same MTP network.

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2. Node according to Claim 1, characterized by  
MTP routing tables supporting said enhanced links structured  
so that routing between the point codes used to  
identify/address functions/MTP users which can make full use  
15 of the longer message length uses only enhanced links.

3. Node according to Claim 1 or 2, characterized by  
SCCP translation functions supporting said enhanced links  
engineered that primary translation is to logical  
20 destinations reachable via said enhanced links and backup translation is to logical destinations reachable (also) via links based on MTP level 2 if translation results in a physical destination located in a node supporting said enhanced links.

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4. Node supporting links having the ability to transfer  
longer messages than according to current MTP level 2, so-called enhanced links, to be identified by two signalling  
point codes one being used to identify/address functions/MTP  
30 users which can make full use of the longer message length, with the two point codes being part of different MTP networks, i.e with a different network indicator, but all point codes being used to identify/address functions/MTP

users which can make full use of the longer message length located in the same MTP network.

*Note*

5. *Note* According to Claim 4, characterized by

- 5 MTP routing tables supporting said enhanced links structured so that routing between the point codes used to identify/address functions/MTP users which can make full use of the longer message length uses only enhanced links.

*Note*

- 10 6. *Note* According to Claim 4 or 5, characterized by

SCCP translation functions supporting said enhanced links engineered that primary translation is to logical destinations reachable via said enhanced links and backup translation is to logical destinations reachable (also) via  
15 links based on MTP level 2 if translation results in a physical destination located in a node supporting said enhanced links.

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